

DEFINITIONS AND SPECIAL INSTRUCTIONS

1. Scope of survey

This survey covers all companies engaged in the manufacture of all electromedical and x-ray equipment including component parts in the United States.

2. Figures to be reported

Companies with more than one establishment manufacturing the products covered by this survey are requested to complete a separate report form for each location. If you have not received a separate form for each of your establishments, please call the contact shown on the report form or write to the U.S. Census Bureau for additional forms.

a. Quantity and value of shipments

The figures on quantity and value of shipments should include the physical shipments of all products sold, transferred to other establishments within your company, or shipped on consignment, whether for domestic or export sale. The value represents the net sales price, f.o.b. plant, to the customer or branch to which the products are shipped, net of discounts, allowances, freight charges and returns. Shipments to your own branches should be assigned the same value as comparable sales to unaffiliated customers, i.e., the value includes an appropriate allocation of company overhead and profit. Products bought and resold without further manufacture should not be included in shipments. For some products, the quantity of shipments is not collected.

Shipments should include the following —

Private brand units as well as your own company brand units

Leased machines and equipment — For products leased or rented by your company, report the number and estimated value. The estimate should approximate the value of the products sold outright. If no such basis is available, you may use the valuation placed on these items for tax, insurance, or similar purposes.

Do not include the following —

Products manufactured for you by others

Imports which are reshipped without further domestic manufacture

Your figure should include —

X-ray equipment

Medical electronic systems and system components

(See Reference List for complete list of products collected on this survey)

Exclude —

Laboratory type automated blood and body fluid analyzers; these should be reported on survey MA334B "Selected Instruments and Related Products" in product class 3345160.

3. Definitions

The product detail for this survey, as shown in the Reference List is defined according to standard nomenclature for this industry.

Development and/or manufacture of Medical Picture Archiving and Communications Systems (MED-PACS) MED-PACS must include:

Image acquisition, digital archiving and storage, communication, and video display devices.

Also include —

Components, such as disk drives, displays, signal converters, output devices, software and associated communications equipment.

4. Comparability

Data reported in this survey should correspond to data reported in the Economic Census - Manufacturing Sector form. The sum of values for item codes shown in column (a) should correspond to the dollar values reported under product codes indicated in column (b) below:

Current Industrial Reports (Form MA334S)	Economic Census - Manufacturing Sector
Item codes (a)	Product codes (b)
8002 through 8026 8102 8202 through 8214	3345170 100
8030 through 8080 8106 through 8135 8222 through 8242	3345101 100

REFERENCE LIST

FORM MA334S		
ELECTROMEDICAL EQUIPMENT AND IRRADIATION EQUIPMENT (INCLUDING X-RAY) (SHIPMENTS)		
Product code	Item code	Item description
		MEDICAL DIAGNOSTIC EQUIPMENT X-ray equipment (report non-medical x-ray equipment under "All Other Irradiation and Electromedical Equipment")
3345170103	8002	Digital radiography equipment
3345170106	8006	Computerized axial tomography (CT or CAT Scan)
3345170109	8012	Dental and conventional
3345170112	8018	All other medical diagnostic x-ray equipment
3345170115	8026	Nuclear medicine equipment (all equipment used for nuclear in vivo studies).
3345101103	8030	Magnetic resonance imaging equipment (MRI)
3345101106	8034	Ultrasound scanning devices
3345101109	8038	Electrocardiograph (EKG)
3345101112	8043	Electroencephalograph (EEG) and electromyograph (EMG)
3345101115	8052	Audiological equipment
3345101118	8056	Endoscopic equipment (bronchoscope, cystoscope, proctosigmoidoscope, colonoscope, etc.)
3345101121	8060	Respiratory analysis equipment
3345101124	8064	All other medical diagnostic equipment (specify kind)
		Patient monitoring equipment
3345101227	8068	Intensive care/coronary care units, including component modules such as temperature, blood pressure, and pulse
3345101233	8075	Prenatal and respiratory monitoring
3345101237	8080	All other patient monitoring
XXX	8089	Total medical diagnostic equipment (<i>Sum of item codes 8002–8080</i>)
		MEDICAL THERAPY EQUIPMENT
3345170118	8102	Radiation therapy (linear accelerators, x-ray, cobalt 60, brachetherapy)
3345101241	8106	Ultrasound therapy
3345101244	8114	Pacemakers
3345101247	8118	Defibrillators
3345101251	8126	Dialyzers (includes machines and equipment)
3345101254	8130	Medical laser equipment
3345101257	8135	All other medical therapy equipment (specify kind)
XXX	8139	Total medical therapy equipment (<i>Sum of item codes 8102–8135</i>)

REFERENCE LIST — Continued

FORM MA334S		
Product code	Item code	Item description
		ALL OTHER IRRADIATION AND ELECTROMEDICAL EQUIPMENT
3345170121	8202	Industrial and scientific x-ray equipment
3345170124	8206	X-ray tubes (sold separately)
3345170227	8210	Other non-medical irradiation equipment, including gamma and beta ray equipment (n.e.c.)
3345170331	8214	Parts and accessories for x-ray equipment and other non-medical irradiation equipment (n.e.c.)
9997373100	8218	Medical picture archiving and communications equipment (MED-PACS) - see definition
3345101361	8222	Surgical systems Electrosurgical equipment
3345101364	8226	Heart-lung machines (excluding iron lungs)
3345101367	8230	Blood flow systems
3345101371	8234	All other surgical support systems
3345101374	8238	Other electromedical equipment, except diagnostic and therapeutic (n.e.c.)
3345101477	8242	Electromedical parts and accessories, including diagnostic and therapeutic (n.e.c.)
XXX	8249	Total all other irradiation and electromedical equipment (<i>Sum of item codes 8202–8242</i>)
		SELECTED NONMANUFACTURING REVENUES OF THIS ESTABLISHMENT
9995065000	9940	Supplies and accessories for use with irradiation and electromedical equipment (resales)
9997372000	9945	Software services (including receipts from all nonhardware related activities)
9997373200	9950	Systems integration revenues, including configuration, installation and site preparation, and custom programming
9998000000	9955	Other nonmanufacturing revenues
NOTES		